

Amendment to the Claims

1. (Currently amended) A method of screening for breast cancer in a subject, the method comprising obtaining a sample containing breast cells from the subject, assaying the level of FLJ20174 nucleic acid, SEQ ID NO:3 or SEQ ID NO:4 or the full length complement of either thereof, comparing the level of FLJ20174 nucleic acid, SEQ ID NO:3 or SEQ ID NO:4 or the full length complement of either thereof, in the sample from the subject with the level of FLJ20174 nucleic acid, SEQ ID NO:3 or SEQ ID NO:4 or the full length complement of either thereof, in one or more control samples from one or more non-cancerous breast tissues, wherein ~~a significant an~~ increase of at least two-fold in the level of FLJ20174, SEQ ID NO:3 or SEQ ID NO:4 or the full length complement of either thereof, in the subject sample compared to the control samples is indicative of breast cancer in the subject and wherein assaying the level comprises an amplification step.
2. (Canceled)
3. (Currently amended) The method of claim 1, wherein the one or more control breast tissue samples from a non-cancerous breast tissue are also ~~derived~~ from the subject.
- 4.-7 (Canceled)
8. (Currently amended) The method of claim 1, wherein the subject sample comprises ~~serum~~, nipple aspirate or ductal fluid obtained from the subject.
9. (Previously presented) The method of claim 1, wherein the level of FLJ20174, SEQ ID NO:3 or SEQ ID NO:4 or the full length complement thereof is determined by assaying the sample with a probe or primer consisting of 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 or more contiguous nucleotides of SEQ ID NO:3 or SEQ ID NO:4, or the full length complement thereof.

10-65. (Canceled)

66. (Previously presented) The method of claim 1, wherein the step of assaying comprises a polymerase chain reaction step.
67. (Previously presented) The method of claim 1, wherein the step of assaying comprises a reverse transcriptase polymerase chain reaction step.
68. (Previously presented) The method of claim 1, wherein the step of assaying comprises a DNA to DNA hybridization step.
69. (Previously presented) The method of claim 1, wherein the step of assaying comprises a DNA to RNA hybridization step.
70. (Cancel)
71. (Currently amended) The method of claim 1, ~~wherein the step of assaying~~ wherein the probe is affixed to a solid support.
72. (Previously presented) The method of claim 71, wherein the solid support is a membrane, a microtiter plate, or a polystyrene bead.

73-74. (Canceled)